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KOREAN PATENT ABSTRACTS

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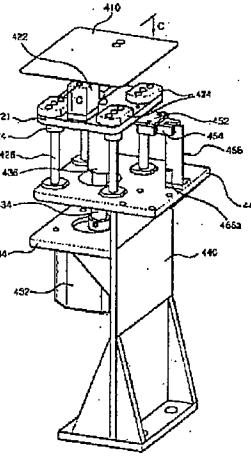
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(54) CENTRIFUGAL SEPARATOR FOR MEASURING LOAD BY MAKING AN OBJECT IN A NON-INTERFERENCE STATE WITH A BODY BEFORE MEASURING LOAD

(57) Abstract:

PURPOSE: A centrifugal separator is provided to prevent breakage of a sensor caused in frequently contacting a load sensor with an object to be measured by separating the load sensor from the object. CONSTITUTION: A centrifugal separator consists of a sensor upper plate (410) lifted to make an object in a non-interference state; a load sensing unit installed at the lower side of the sensor upper plate to detect load of the object applied to the sensor upper plate; a lift unit for moving up the sensor upper plate and the load sensing unit; and a control unit for controlling the lift unit and measuring load of the object by a load detection signal supplied from the load sensing unit. A lift guiding unit smoothly guides the lift unit.



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